Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An image analyzing device comprising:

a storage section which stores image data obtained by processing reference chart data including a plurality of different patterns for sampling ~~each of~~ a plurality of different types of characteristic quantities indicating characteristics of a defective image, by using a device targeted for checking;

an image analyzing section which samples different types of characteristic quantities of the plurality of patterns expressed in the image data stored in the storage section; and

a phenomenon name specifying section which specifies a phenomenon name for classifying the defective image of a pattern region from among the plurality of patterns expressed in the image data, based on the different types of the characteristic quantities sampled by the image analyzing section.

~~a characteristic quantity of a region in each of the plurality of patterns expressed in the image data stored in the storage section based on a reference chart characteristic list describing a characteristic of each pattern in the reference chart data, the image analyzing section performing a different processing for each different pattern in the image data so as to sample different characteristic quantities;~~

~~a correlation table which associates each of one or more labels for classifying a defective image with at least one of the characteristic quantities corresponding to the respective label; and~~

~~a label specifying section which specifies the label for a region in a pattern in which the characteristic quantity is sampled by the image analyzing section from among the plurality of patterns expressed in the image data by referring to the correlation table~~.

2. (Original) An image analyzing device according to claim 1, wherein the reference chart data is a print image, and the image data is electronic data obtained by reading the print image by an image scanner targeted for checking.

3. (Previously presented) An image analyzing device according to claim 1, wherein the reference chart data is electronic data, and the image data is electronic data obtained by further reading with an image scanner an image printed according to the electronic data by a printer targeted for checking.

4. Canceled

5. (Previously presented) An image analyzing device according to claim 1, wherein, with respect to the reference chart data, a plurality of known image patterns are disposed in a mesh manner, and the image analyzing section uses processing suitable to sample characteristic quantities for each mesh.

6. Canceled

7. (Original) An image analyzing device according to claim 1, wherein the image analyzing device is provided in a personal computer.

8. (Previously presented) An image analyzing device according to claim 1, further comprising:

an image scanner which reads a document image and provides image data corresponding to the document image, wherein the storage section stores read data obtained by reading an arbitrary sample with the image scanner; and

a pattern analyzing section which analyzes characteristics including a pattern configuration of the read data stored by the storage section and adds characteristics including the analyzed pattern configuration to the reference chart characteristic list;

wherein the arbitrary image sample and the read data are used as new reference chart data.

9. (Currently amended) An image checking system comprising:

a storage section which stores image data obtained by processing reference chart data including a plurality of different patterns for sampling ~~each of~~ a plurality of different types of characteristic quantities indicating characteristics of a defective image, by using a device targeted for checking;

an image analyzing section which samples different types of characteristic quantities of the plurality of patterns expressed in the image data stored in the storage section; and

a phenomenon name specifying section which specifies a phenomenon name for classifying the defective image of a pattern region from among the plurality of patterns expressed in the image data, based on the different types of the characteristic quantities sampled by the image analyzing section.

~~an image analyzing section which samples a characteristic quantity of a region in each of the plurality of patterns expressed in the image data stored in the storage section, based on a reference chart characteristic list describing a characteristic of each pattern in the reference chart data, the image analyzing section performing a different processing for each different pattern in the image data so as to sample different characteristic quantities;~~

~~a correlation table which associates each of one or more labels for classifying defective image with at least one of the characteristic quantities corresponding to the respective label;~~

~~a label specifying section which specifies the label for a region in a pattern in which the characteristic quantity is sampled by the image analyzing section from among the plurality of patterns expressed in the image data by referring to the correlation table;~~

~~a cause estimating section which narrows a candidate of causes of a defect according to a phenomenon specified by the label specifying section and other information; and~~

~~a display section which displays the phenomenon specified by the label specifying section and the causes of the defect estimated by the cause estimating section.~~

10. Canceled

11. (Previously presented) An image checking system according to claim 9, wherein the other information is an internal parameter of the device targeted for checking.

12. (Previously presented) An image checking system according to claim 9, wherein the other information is an output value of an internal sensor of the device targeted for checking.

13. (Previously presented) An image checking system according to claim 9, wherein the other information is input information from an operator.

14. (Original) An image checking system according to claim 9, wherein the other information is information on past checking results.

15. (Original) An image checking system according to claim 9, further comprising a communication section which transmits to the outside the phenomenon classified by the image analyzing section and the causes of defect estimated by the cause estimating section.

16. (Original) An image checking system according to claim 9, further comprising:

a scanner section which reads a document image and provides document image data corresponding to the document image; and

a printer section which forms an image corresponding to the image data provided from the image scanner,

wherein the image data is the document image data provided from the scanner section.

17. (Previously presented) An image checking system according to claim 9, further comprising:

a scanner section which reads a document image and provides document image data corresponding to the document image; and

a printer section which forms an image corresponding to the image data provided from the image scanner,

wherein the image data is document image data obtained by further reading with the scanner section the image formed by the printer section according to known reference data produced as electronic data, by use of the scanner section.

18. (Original) An image checking system according to claim 9, wherein the image checking system is provided in a personal computer.

19. (Original) An image checking system according to claim 9, wherein the image checking system is provided in a network controller connected to the device targeted for checking via network.

20. (Original) An image checking system according to claim 9, wherein the image analyzing section is provided in a network controller connected to the device targeted for checking via network, and the cause estimating section is provided in a computer system connected to the network controller via communication network.

21. (Original) An image checking system according to claim 9, wherein the image checking system is provided in a personal computer connected to the device targeted for checking via LAN.